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a second power supply connected to said control for supplying power to said control including said membrane switches at a second predetermined voltage which is less than said first predetermined voltage.

3. (AMENDED) The chair of claim 2 wherein said back is pivotal with respect to said seat and further comprising a power recline mechanism operatively connected to said back for moving said back angularly with respect to said seat [base].

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4. (AMENDED) The chair of claim 3 wherein said [control] microprocessor selectively provides alternative [first] maintained and [second] momentary output signals in response to actuation of one of said plurality of membrane switches [connected to said control], said [first] maintained output signal defined as being [a maintained output signal that is sustained] set to an ON state in response to closing contacts in said one switch and said maintained output signal being sustained ON independent of the contacts of said one switch opening, said [second] momentary output signal defined as being [a momentary output signal that is turned] set to an ON state in response to closing contacts in said one switch, said momentary output signal being [turned] reset to an OFF state in response to the contacts of said one switch opening.

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5. (AMENDED) The chair of claim 4 wherein said control further includes means for selectively activating and deactivating an auto up mode, wherein when said auto up mode is activated a maintained auto up output signal is [turned] set to an ON state in response to actuation of [one of said switches] a predetermined switch so as to cause said power lift mechanism and said power recline mechanism[s] to raise and recline said chair to a predetermined position, and wherein said [one] predetermined switch [turns ON] sets one of said [first] maintained and [second] momentary output signals to an ON state upon actuation thereof after deactivation of said auto up mode.

6. (AMENDED) The chair of claim 3 wherein said control further includes means for selectively activating and deactivating an auto up mode, wherein when said auto up mode is activated a maintained auto up output signal is [turned] set to an ON state in response to actuation of [one of said switches] a predetermined switch to cause said power lift mechanism and said power recline mechanism[s] to raise and recline said chair to a predetermined position, and wherein upon deactivation of said auto up mode one of a [different] maintained and a momentary output signal is [turned] set to an ON state in response to actuation of said [one] predetermined switch.

7. (AMENDED) The chair of claim 1 wherein said back is pivotal with respect to said seat and said powered motion mechanism comprises

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a power recline mechanism operatively connected to said back for moving said back angularly with respect to said seat [base].

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10. (AMENDED) The chair of claim 1 wherein said [control] microprocessor selectively provides alternative [first] maintained and [second] momentary output signals in response to actuation of one of said plurality of membrane switches [connected to said control], said [first] maintained output signal defined as being [a maintained output signal that is sustained] set to an ON state in response to closing contacts in said one switch and said maintained output signal being sustained ON independent of the contacts of said one switch opening, said [second] momentary output signal defined as being [a momentary output signal that is turned] set to an ON state in response to closing contacts in said one switch, said momentary output signal being [turned] reset to an OFF state in response to the contacts of said one switch opening.

15. ~~14.~~ (AMENDED)

A powered adjustable chair comprising:

a seat connected to a base for vertical movement with respect thereto and having a surface for supporting a patient;

a back forming part of said chair and secured [to said chair] proximate one edge of said seat, [and] said back having a surface for supporting a patient;

a powered motion mechanism operatively connected to at least one of said seat and said back; and,

a control electrically coupled to said [power lift mechanism and said power recline] powered motion mechanism for controlling the operation thereof, said control [system] including a plurality of switches operatively connected to a microprocessor for allowing an operator to direct the operation of said powered motion mechanism [control and to thereby also direct movement of said chair], said [control] microprocessor selectively providing alternative [first] maintained and [second] momentary output signals in response to actuation of one of said plurality of switches [connected to said control], said [first] maintained output signal defined as being [a maintained output signal that is sustained] set to an ON state in response to closing contacts in said one switch and said maintained output signal being sustained ON independent of the contacts of said one switch opening, said [second] momentary output signal defined as being [a momentary output signal that is turned] set to an ON state in response to closing contacts in said one switch, said momentary output signal being [turned] reset to an OFF state in response to the contacts of said one switch opening.

17. 16. (AMENDED)

The chair of claim ¹⁶15 wherein said back is pivotal with respect to said seat further comprising a power recline mechanism operatively connected to said back for moving said back angularly with respect to said seat [base].

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17. (AMENDED)

The chair of claim 1⁷/₆ wherein said control

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further includes means for selectively activating and deactivating an auto up mode, wherein when said auto up mode is activated a maintained auto up output signal is [turned] set to an ON state in response to actuation of [one of said switches] a predetermined switch so as to cause said power lift mechanism and said power recline mechanism[s] to raise and recline said chair to a predetermined position, and wherein said [one] predetermined switch [turns ON] sets one of said [first] maintained and [second] momentary output signals to an ON state upon actuation thereof after deactivation of said auto up mode.

22.

21. (AMENDED)

A powered adjustable chair comprising:

a seat connected to a base for vertical movement with respect thereto and having a surface for supporting a patient;

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a back forming part of said chair and secured [to said chair] proximate one edge of said seat, [and] said back having a surface for supporting a patient;

a powered motion mechanism operatively connected to at least one of said seat and said back; and,

a control electrically coupled to said [power lift mechanism and said power recline] powered motion mechanism for controlling the operation thereof, said control including a plurality of switches operatively connected to a microprocessor for allowing an operator to direct the operation of said powered motion mechanism [control and to thereby also

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direct movement of said chair], said control further including means for selectively activating and deactivating an auto up mode, wherein when said auto up mode is activated said microprocessor sets a maintained auto up output signal [is turned] to an ON state in response to actuation of a predetermined switch [one of said switches] so as to cause said powered motion mechanism to move said chair to a [predetermined desired] raised, operating position, and wherein upon deactivation of said auto up mode one of a [different] maintained and a momentary output signal is [turned] set to an ON state in response to actuation of said [one] predetermined switch.

24. 23. (AMENDED)

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The chair of claim ~~22~~ ²³ wherein said back is pivotal with respect to said seat and further comprising a power recline mechanism operatively connected to said back for moving said back angularly with respect to said seat [base] and wherein said maintained auto up output signal causes said power lift mechanism and said power recline mechanism to respectively raise and recline said chair to said [predetermined desired] raised, operating position.

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28. 27. (AMENDED)

A powered adjustable chair comprising:
a seat connected to a base for vertical movement with respect thereto and having a surface for supporting a patient;

a back forming part of said chair and secured [to said chair] proximate one edge of said seat, [and] said back having a surface for supporting a patient;

a powered motion mechanism operatively connected to at least one of said seat and said back; and,

a control electrically coupled to said [power lift mechanism and said power recline] powered motion mechanism for controlling the operation thereof, said control including a plurality of switches operatively connected to a microprocessor for allowing an operator to direct the operation of said powered motion mechanism [control and to thereby also direct movement of said chair], said control further including a control circuit responsive to an actuation of a disable switch and operative to selectively disable said plurality of switches from directing movement of said chair while power is maintained to said control.

31. ~~30.~~ (AMENDED)

A powered adjustable chair comprising:

a seat connected to a base for vertical movement with respect thereto and having a surface for supporting a patient;

a back forming part of said chair and secured [to said chair] proximate one edge of said seat, [and] said back having a surface for supporting a patient;

a powered motion mechanism operatively connected to at least one of said seat and said back; and,

a control electrically coupled to said [power lift mechanism and said power recline] powered motion mechanism for controlling the operation thereof, said control including a plurality of switches operatively connected to a microprocessor for allowing an operator to direct the operation of said powered motion mechanism [control and to thereby also direct movement of said chair], said control including a beep on control circuit including a tone generator responsive to an actuation of at least one of said switches to produce an audible tone indicating contact closure of said at least one switch [thereof], said control further including a beep on switch operative to selectively activate and deactivate said beep on control circuit.

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32.
31. (AMENDED) A method of operating a powered adjustable chair including a control electrically coupled to said chair for controlling movement thereof, said control including a microprocessor electrically coupled to a plurality of switches, said microprocessor selectively providing alternative first and second output signals in response to actuation of one of [a] said plurality of [input] switches [connected to said control], said first output signal being a maintained output signal that is [turned] set to an ON state in response to closing contacts in said one switch and is maintained ON independent of said contacts in said one switch opening, said second output signal being a momentary output signal that is [turned] set to an ON state in response to closing contacts in said one switch and is [maintained ON independent of said contacts in

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said one switch opening, said momentary output signal being turned]
reset to an OFF state in response to the contacts of said one switch
opening, the method comprising the steps of:

activating one of said first and second output signals from
said microprocessor [control] to one of said switches; and,
actuating said one switch to move said chair to a desired
position.

34. 33. (AMENDED) The method of claim ³³32 wherein the step of
activating a predetermined combination of switches further comprises the
steps of:

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entering a setup mode of operation [to] which disables said
microprocessor [control] from producing said first and second output
signals upon actuation of [said] any one of said plurality of switches; and,
actuating [said one] a selected switch to activate one of said
first and second output signals.

35.
34. (AMENDED) The method of claim ³⁴33 wherein the step of
[activating] entering the setup mode further comprises the step of
actuating a second predetermined combination of switches.

36.
35. (AMENDED) The method of claim ³⁵34 wherein the method
further comprises the steps of:

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providing a first sensory perceptible indicator in response to selecting said one of said first and second output signals; and,

[deactivating] exiting said setup mode of operation after activating a desired one of said first and second output signals [to enable] such that actuation of said [one] selected switch [to receive] causes said microprocessor to set said one of said first and second output signals to an ON state.

42.

~~41.~~ (AMENDED)

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A method of disabling the operation of a powered adjustable chair operated by a plurality of switches connected to a control, at least some of said plurality of switches [producing an] functioning to cause output signals to be produced from the control in response to actuation thereof [to command] whereby said output signals activate a powered motion mechanism to [cause selected movement of] move said chair, the method comprising the steps of:

actuating a first combination of predetermined switches of said plurality of switches to activate a disable mode;

[detecting the actuation of said combination of predetermined switches;

turning OFF all of said output signals in response to detecting actuation of said combination of predetermined switches;]

detecting the activation of said disable mode; and,

preventing the control from producing said output signals in response to actuation of any of said plurality of switches while power is maintained to said control [the detection of the disable mode;].

43.

~~42~~. (AMENDED)

The method of claim ⁴²~~41~~ further comprising the steps of:

actuating a second combination of predetermined switches to deactivate said disable mode;

detecting the deactivation of said disable mode; and,

permitting the control to produce said output signals in response to actuation of at least some of said plurality of switches [detection of the deactivation of said disable mode].

44.

~~43~~. (AMENDED)

The method of claim ⁴³~~42~~ wherein actuating said first and second combinations of predetermined switches further comprises actuating the same combination of switches.

46.

~~44~~. (AMENDED)

A method of operating a powered adjustable chair comprising a vertically adjustable seat secured to a base and an angularly adjustable back secured proximate one edge of said seat, and a control including a microprocessor electrically coupled to power lift and recline mechanisms of said chair for controlling lifting and reclining of said chair, said [control] microprocessor selectively providing alternative first and second output signals in response to actuation of one of a plurality of

input switches [connected] electrically coupled to said control, wherein said first output signal is [turned] set to an ON state in response to closing contacts in said one input switch to thereby cause a first predetermined movement of at least one of said [chair] seat and said back, and said second output signal is a maintained auto up output signal that is [turned] set to an ON state in response to closing contacts in said one input switch to thereby cause a [second predetermined] raising and reclining movement of said chair which is different from said first predetermined movement, the method comprising the steps of:

[activating] storing one of said first and said second output signals [from] in said microprocessor [control to one of said switches]; and,

setting said one of said first and said second output signals to an ON state by actuating said one input switch to thereby move said chair in [accordance with said one of said first and second output signals] a corresponding one of said first predetermined movement and said raising and reclining movement.

Please cancel claim 45.

47. 46. (AMENDED)

The method of claim 46 wherein the step of

[activating] storing one of said first and second output signals comprises actuating a predetermined combination of input switches [connected to said control].

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48.

47. (AMENDED)

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The method of claim 46 wherein said one input switch is a switch which causes said back to recline with respect to said base when said first output signal is provided by said microprocessor [control].

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45.

48. (NEW) The method of claim 47 further comprising the step of:

setting all of said output signals to an OFF state in response to actuation of said first combination of switches.

Remarks

This Amendment is submitted in response to the Office Action mailed on June 24, 1994. It is further responsive to the telephone interview held on July 25, 1994 between Examiner Martin and Applicant's counsel, C. Richard Eby. During the telephone interview, Mr. Eby and Examiner Martin discussed the portions of the Office Action concerning § 112 and the Examiner's enumerated concerns with the specification and claims. It is respectfully submitted that the detailed description, while describing a rather complicated processing routine and its subroutines, fully complies with the written description requirement of 35 U.S.C. § 112, first paragraph. Applicant also respectfully submits that all of the claims, particularly those amended generally along the lines discussed with Examiner Martin during the telephone conference of July 25, are fully definite and within the requirements of 35 U.S.C. § 112, second paragraph. For these reasons, and for the reasons that all of the

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